

IN THE SPECIFICATION

Please delete the equation at page 9, between lines 19 and 24, in its entirety and replace, with the following equation:

$$T = \frac{\pi \cdot N / 2}{\tan^{-1} \left(\frac{CROSS_{dop}(k)}{DOT_{dop}(k)} \right)}$$

Please delete the equation at page 10, between lines 6 and 13, in its entirety and replace with the following equation:

$$T = \frac{\pi \cdot N / 2}{\tan^{-1} \left[\frac{(1 - \alpha) \cdot \sum_{k=0}^{\infty} \alpha^k CROSS_{dop}(k)}{(1 - \alpha) \cdot \sum_{k=0}^{\infty} \alpha^k DOT_{dop}(k)} \right]} \quad (10)$$

Please delete the equation at page 10, between lines 17 and 22, in its entirety and replace with the following equation:

$$T = \frac{\pi \cdot N / 2}{\tan^{-1} \left[\frac{A}{B} \right]} \quad (11)$$

Please delete the equation at page 11, after line 28, in its entirety and replace with the following equation:

$$CORR(1) = CORR_{dop}(I) \cdot \cos(\pi x / 2T) + CORR_{dop}(Q) \cdot \sin(\pi x / 2T) \quad (14)$$

Please cancel the original Abstract at page 18, lines 1-11 in its entirety and insert therefor the following substitute Abstract on a separate sheet as follows: